FIG. 1A

1 61	CGCCAAACCTCTATGGATATATAAAGGGAAGCTTGAGGAGGAATTTCACAGTTACAGTGC AGAAGCAGAGGCAAAAGAATTAACCAGCTCTTCAGTCAAGCAAATCCTCTACTCACC <u>ATG</u> <u>M</u>	120
121	121 CTTCCTCCTGCCATTCATTTCTATCTCCTTCCCTTGCATGCA	180
181 22	181 TTGGCTTTTAAAAATGATGCCACAGAAATCCTTTATTCACATGTGGTTAAACCTGTTCCA 22 <u>L A</u> F K N D A T E I L Y S H V V K P V P	240 41
241 42	241 GCACACCCCAGCAACAGCACGTTGAATCAAGCCAGAAATGGAGGCAGGC	300
301	301 AACACTGGACTGGAACACTCGGGTTCAAGTGGGTTGCCGGGAACTGCGTTCCACC 62 N T G L D R N T R V Q V G C R E L R S T	360
361	361 AAATACATCTCTGATGGCCAGTGCACCAGCCTTCAGCCTTGAAGGAGCTGGTGTGTGCT 82 K Y I S D G O C T S I S P L K E L V C A	420

FIG. 1B

421	GGCGAGTGCTTGCCCCTGCTCCCTAACTGGATTGGAGGCGAGGCTATGGAACAAAG	48(
102	G E C L P L P V L P N W I G G Y G T K	12
481	TACTGGAGCAGGAGCTCCCAGGAGTGGCGGTGTGTCAATGACAAAACCCGTACCCAG	54(
122	Y W S R R S S Q E W R C V N D K T R T Q	14
541	AGAATCCAGCTGCAGTGCCAGCACGCACCTACAAAATCACAGTAGTCACT	60(
142	R I Q L Q C Q D G S T R T Y K I T V T	16
601	GCCTGCAAGTGCAAGGTACACCGGCAGCACAACGAGTCCAGTCACAACTTTGAGAGC	66(
162	A C K C K R Y T R Q H N E S S H N F E S	18
661	ATGTCACCTGCCAAGCCAGCATCACAGAGAGGGGGAAAAGAGCCAGCAAATCCAGC	72(
182	M S P A K P V Q H H R E R K R A S K S S	20
721 202	AAGCACAGCATGAGTTAGAACTCAGACTCCCATAACTAGACTTACTAGTAACCATCTGCT K H S M S *	78(
781 841	TTACAGATTTGATTGCTTGGAAGACTCAAGCCTGCCACTGCTGTTTTCTCACTTGAAAGT ATATGCTTTCTGGTTTTTGAAAGT	84(90(

FIG. 2A

•	GL.STCPADCHCP	•	AVGQNCSGPCRCPD.	ATGQDCSAQCQCAA.	VSGREAACPRPCGGR	ATQRCPPQCPGR	LVAAWSNNYA VDCPQHCDSS	VARAGASSGG LGPVVRCEPC				Q PNCKHQC	RIYQNGESFQ PNCKHQCTCI	KIYQNGESFQ PNCKHQCTCI	TVYRSGESFQ SSCKYQCTCL	SVYRSGESFQ SSCKYQCTCL	IYRNGETFQ P	VIYRSGEKFQ PSCKFQCTCR	MDCRETCNCQ SGICDRGTGK	PAPPAPGNAS ESEEDRSAGS	
	VVTLLHLTRV	AAALLCLARL	WLLALCSRP	.VLLALCTRP	LLLLLLRPCE	LLLHLLGQVA	LLTTLLVPAH	TLLVLLRGPP	•		•	SEGRPCEYNS	SEGRPCEYNS	SEGRPCEYNS	. DGAPCIFGG	. DGAPCVFGG	. EGDNCVFDG 1	. EGDNCVFDG	YGTFG	AVSRLRAYLL	
SSSTFRTLAV	SSRIVRELAL	GSAGARP.AL	ASMGPVRVAF	SVAGPISLAL	·QGLPVLL	LRKQCLCLTF	MKSVL	ARPTLWAAAL	•		•	TALKGICRAQ	TALKGICRAQ	AATNGICRAQ	NRKIGVCTAK	NRKIGVCTAK	GGAGICMVL	SNQTGICTAV	EEFGICKDCP	DGRGLCVNAS	
\dots M	\mathbb{M}	\mathbb{M}	MTA	MLA	METGGG	MQSVQSTSFC	•	MQR	•		11	GLECNFGASS	GLECNFGASS	GLECNFGASP	GLFCDFGSPA	GLFCDFGSPA	GPED	GLYCDRSADP	GEDPFG	DEARPLQALL	•
cyr6_mouse	HCGF	$\mathtt{ce10_chick}$			nov_chick	HNGE		ibp3_human	SCGF		T	cyr6_mouse	HCGF	ce10_chick	ctgf_human	fisp-12		HNGE	VIGF	ibp3_human	SCGF
	M SSSTFRTLAV AVTLLHLTRL AL.STCPAACHC	M SSSTFRTLAV AVTLLHLTRL AL.STCPAACHC	M SSSTFRTLAV AVTLLHLTRL AL.STCPAACHC M SSRIVRELAL VVTLLHLTRV GL.STCPADCHC M GSAGARP.AL AAALLCLARL ALGSPCPAVCQC	M SSSTFRTLAV AVTLLHLTRL AL.STCP M SSRIVRELAL VVTLLHLTRV GL.STCP GSAGARP.AL AAALLCLARL ALGSPCP MTA ASMGPVRVAF VVLLALCSRP AVGQNCS	SSSTFRTLAV AVTLLHLTRL AL.STCP M SSRIVRELAL VVTLLHLTRV GL.STCP GSAGARP.AL AAALLCLARL ALGSPCP MTA ASMGPVRVAF VVLLALCSRP AVGQNCS MLA SVAGPISLAL .VLLALCTRP ATGQDCS	SSSTERTLAV AVTLIHLTRL AL.STCP SSRIVRELAL VVTLIHLTRV GL.STCP GSAGARP.AL AAALLCLARL ALGSPCP MTA ASMGPVRVAF VVLLALCSRP AVGQNCS METGGG ALGEPVLL LLLLLRPCE VSGREAA	SSSTERTLAV AVTLLHLTRL AL.STCP M SSRIVRELAL VVTLLHLTRV GL.STCP GSAGARP.AL AAALLCLARL ALGSPCP MTA ASMGPVRVAF VVLLALCSRP AVGQNCS MLA SVAGPISLAL .VLLALCTRP ATGQDCS METGGGQGLPVLL LLLLLLRPCE VSGREAA MQSVQSTSFC LRKQCLCLTF LLLHLLGQVA ATQR	SSSTFRTLAV AVTLIHLTRL AL.STCP M SSRIVRELAL VVTLIHLTRV GL.STCP GSAGARP.AL AAALLCLARL ALGSPCP MTA ASMGPVRVAF VVLLALCSRP AVGQNCS METGGGQGLPVLL LLLLLLRPCE VSGREAA MQSVQSTSFC LRKQCLCLTF LLLHLLGQVA ATQR LLTTLLVPAH LVAAWSNNYA VI	SSSTERTLAV AVTLIHLTRL AL.STCP SSRIVRELAL VVTLIHLTRV GL.STCP GSAGARP.AL AAALLCLARL ALGSPCP METGGG METGGG METGGG MOSVQSTSFC LRKQCLCLTF LLLHLLGQVA ATQR MOSVQSTSFC LRKQCLCLTF LLLHLLGQVA ATQR	METGGGMESVAGPISLAL VVTLLHLTRV GL.STCP MIA ASMGPVRVAF VVLLALCSRP AVGQNCS METGGGQGLPVLL LLLLLRPCE VSGREAA MQSVQSTSFC LRKQCLCLTF LLLHLLGQVA ATQR MQSVQSTSFC LRKQCLCLTF LLLHLLGQVA ATQR MQSVQSTSFC LRKQCLCLTF LLLHLLGQVA ATQR MQSVQSTSFC LRKQCLCLTF LLLHLLGQVA ATQR	SSTERTLAV AVTLIHLTRL AL.STCP M SSRIVRELAL VVTLIHLTRV GL.STCP MGSAGARP.AL AAALLCLARL ALGSPCP MTA ASMGPVRVAF VVLLALCSRP AVGQNCS METGGG QGLPVLL LLLLLRPCE VSGREAA MQSVQSTSFC LRKQCLCLTF LLLHLLGQVA ATQR MQSVQSTSFC LRKQCLCLTF LLLHLLGQVA ATQR MQSVQSTSFC LRKQCLCTTF LLLHLLGQVA ATQR	METGGG MGSAGARP.AL AVTLLHLTRY GL.STCP MIA ASMGPVRVAF VVLLALCSRP AVGQNCS METGGG QGLPVLL LLLLLRPCE VSGREAA MQSVQSTSFC LRKQCLCLTF LLLHLLGQVA ATQR MQSVQSTSFC LRKQCLCTTF LLLHLLGQVA ATQR MQSVQSTSFC LRKQCLCTTF LLLHLLGQVA ATQR MQSVQSTSFC LRKQCLCTTF LLLHLLGQVA ATQR 111.	SSTERTLAV AVTLLHLTRL AL.STCP M SSRIVRELAL VVTLLHLTRV GL.STCP M GSAGARP.AL AAALLCLARL ALGSPCP METGGG METGGC METGGC METGCLCTF LLLLLLRPCE VSGREAA MOSVQSTSFC LRKQCLCLTF LLLLLLGQVA ATQR METGGG MESVL LLTTLLVPAH LVAAWSNNYA VI LLTTLLVPAH LVAAWSNNYA VI LLTTLLVPAH LVAAWSNNYA VI METGGSSTSFC LRKGICRAQ SEGRPCEYNS RIYQNGESFQ PI GLECNFGASS TALKGICRAQ SEGRPCEYNS RIYQNGESFQ PI	SSRIVRELAL VVTLLHLTRU GL.STCP GSAGARP.AL AAALLCLARL ALGSPCP MTA ASMGPVRVAF VVLLALCSRP AVGQNCS METGGGQGLPVLL LLLLLLRPCE VSGREAA MQSVQSTSFC LRKQCLCLTF LLLHLLGQVA ATQR MQSVQSTSFC LRKQCLCLTF LLLHLLGQVA ATQR 111 MQR ARPTLWAAAL TLLVLLRGPP VARAGASSGG LC GLECNFGASS TALKGICRAQ SEGRPCEYNS RIYQNGESFQ PR GLECNFGASS TALKGICRAQ SEGRPCEYNS RIYQNGESFQ PR	SSSTERTLAV AVTLIHLTRY GL.STCP SSRIVRELAL VVTLIHLTRY GL.STCP GSAGARP.AL AAALLCLARL ALGSPCP MTA ASMGPVRVAF VVLLALCSRP AVGQNCS METGGGQGLPVLL LLLLLLRPCE VSGREAA MOSVQSTSFC LRKQCLCLTF LLLHLLGQVA ATQR MOSVQSTSFC LRKQCLCLTF LLLHLLGQVA ATQR 111MQR ARPTLWAAAL TLLVLLRGPP VARAGASSGG LC CONTROL OF CONTROL CONTR	SSTERTLAV AVTLLHLTRU GL.STCP SSRIVRELAL VVTLLHLTRV GL.STCP GSAGARP.AL AAALLCLARL ALGSPCP METGGG MLA SVAGPISLAL VLLLALCSRP AVGQNCS METGGG METGGC MESVLL LLLLLLRPCE VSGREAA MOSVQSTSFC LRKQCLCLTF LLLHLLGQVA ATQR MOSVQSTSFC LRKQCLCLTF LLLHLLGQVA ATQR METGGG METGGG METGGG METGGC MESVLL LLLLLLRPCE VSGREAA METGGC MESVLL LLLLLLLRPCE VSGREAA MOSVQSTSFC LRKGCLCTTF LLLHLLGQVA ATQR CONTROL LLTLLLLNPAH LVAAWSNNYA VI CONTROL SEGRPCEYNS RIYQNGESFQ PR GLECNFGASS TALKGICRAQ SEGRPCEYNS RIYQNGESFQ PR GLECNFGASP AATNGICRAQ SEGRPCEYNS KIYQNGESFQ PR	SSRIVRELAL VVTLLHLTRL AL.STCP SSRIVRELAL VVTLLHLTRV GL.STCP GSAGARP.AL AAALLCLARL ALGSPCP MGSAGARP.AL AAALLCLARL ALGSPCP WETGGG METGGG MESVLLLLLRPCE VSGREAA MESVQSTSFC LRKQCLCLTF LLLHLLGQVA ATQR MOSVQSTSFC LRKQCLCLTF LLLHLLGQVA ATQR MOSVQSTSFC LRKGCLCTF LLLHLLGQVA ATQR METGGG MESVL LLTLLLVPAH LVAAWSNNNYA VI CHANGESFO PRECEVES TALKGICRAQ SEGRPCEYNS RIYQNGESFQ PRECEVEGASS TALKGICRAQ SEGRPCEYNS RIYQNGESFQ PRECEVEGASS AATNGICRAQ SEGRPCEYNS RIYQNGESFQ PRECECDFGSPA NRKIGVCTAK DGAPCIFGG TVYRSGESFQ SEGLFCDFGSPA NRKIGVCTAK DGAPCIFGG SVYRSGESFQ SEGLFCDFGSPA NRKIGVCTAK DGAPCVFGG SVYRSGESFQ SEGLFCDFGSPA NRKIGVCTAK DGAPCTFG SVYRSGESFQ SEGLFCDFGSPA NRKIGVCTAK DGAPCTFG SVYRSGESFQ SEGLFCDFGSPA NRKIGVCTAK DGAPCTFG SVYRSGESFQ SEGLFCDFGSPA NRKIGVCTAK DGAPCTFG SVYRSGESFQ SEGRFCDFGSPA NRKIGVCTAK DGAPCTFG SVYRSGESFQ SEGRFCDFGSPA NRKIGVCTAK DGAPCTFG SVYRSGESFQ SEGRFCDFG SVYRSGESFQ SFGRPA NAK GAN MANG STAN DGAPCTFG SVYRSGESFQ SFGRPA NAK GAN MANG	FM SSRTFRTLAV AVTLLHLTRU AL.STCP K SSRIVRELAL VVTLLHLTRV GL.STCP GSAGARP.AL AAALLCLARL ALGSPCP M. GSAGARP.AL AAALLCLARL ALGSPCP NOSUGELSTAL VVLLALCSRP AVGONCS METGGGMLA SVAGPISLAL VLLALCTRP ATGQDCS MOSVQSTSFC LRKQCLCLTF LLLLLLRPCE VSGREAA MOSVQSTSFC LRKQCLCLTF LLLLLLRPCE VSGREAA MOSVQSTSFC LRKGCLCTF LLLLLLRGQVA ATQR TOMQR ARPTLWAAAL TLLVLLLGQVA ATQR GLECNFGASS TALKGICRAQ SEGRPCEYNS RIYQNGESFQ PR GLECNFGASS TALKGICRAQ SEGRPCEYNS RIYQNGESFQ PR GLECNFGASP AATNGICRAQ SEGRPCEYNS KIYQNGESFQ PR GLECNFGASP ANRKIGVCTAK DGAPCIFGG TVYRSGESFQ SGLCCDFGSPA NRKIGVCTAK DGAPCVFGG SVYRSGESFQ PSC	SSTERTLAV AVTLLHLTRL AL.STCP SSRIVRELAL VVTLLHLTRV GL.STCP GSAGARP.AL AAALLCLARL ALGSPCP MGSAGARP.AL AAALLCLARL ALGSPCP VULLALCSRP AVGQNCS METGGGQGLPVLL LLLLLLRPCE VSGREAA MQSVQSTSFC LRKQCLCLTF LLLHLLGQVA ATQR METGGGMKSVL LLTTLLVPAH LVAAWSNNYA MQR ARPTLWAAAL TLLVLLRGPP VARAGASSGG CLECNFGASS TALKGICRAQ SEGRPCEYNS RIYQNGESFQ GLECNFGASS TALKGICRAQ SEGRPCEYNS RIYQNGESFQ GLECNFGASP AATNGICRAQ SEGRPCEYNS KIYQNGESFQ GLFCDFGSPA NRKIGVCTAK DGAPCVFGG SVYRSGESFQ GLYCDRGPED GGGAGICMVL .EGDNCVFDG VIYRSGEKFQ I	FM SSSTERTLAV AVTLIHLTRL AL.STCP K SERIVRELAL VVTLIHLTRV GL.STCP GSAGARP.AL AAALLCLARL ALGSPCP NTA ASMGPVRVAF VVLLALCSRP AVGQNCS K METGGGQGLPVLL LLLLLRPCE VSGREAA MQSVQSTSFC LRKQCLCLTF LLLHLLGQVA ATQR FMQR ARPTLWAAAL TLLVLRGPP VARAGASSGG NOSVQSTSFC LRKGCLCRAQ SEGRPCEYNS RIYQNGESFQ GLECNFGASS TALKGICRAQ SEGRPCEYNS RIYQNGESFQ GLECNFGASP AATNGICRAQ SEGRPCEYNS RIYQNGESFQ GLYCDRGPED GGGAGICMVL .EGDNCVFDG MIYRNGETFQ I GLYCDRGPED GGGAGICMVL .EGDNCVFDG VIYRSGEKFQ F GLYCDRSADP SNQTGICTAV .EGDNCVFDG VIYRSGEKFQ F GELYCDRSADP SNQTGICTAV .EGDNCVFDG VIYRSGEKFQ F GELYCDRSADP YGTFG MDCRETCNCQ	EM SSSTFRTLAV AVTLHLTRL AL.STCP KM SSRIVRELAL VVTLHLTRV GL.STCP CMTA ASMGPVRVAF VVLLALCSRP AVGQNCS K METGGGMCSVLLYLLLGQVA ATQR F MQSVQSTSFC LRKQCLCLTF LLLHLLGQVA ATQR F MQSVQSTSFC LRKQCLCLTF LLLHLLGQVA ATQR F MQSVQSTSFC LRKGCLCTF LLLHLLGQVA ATQR F MQSVQSTSFC LRKGCLCTF LLLHLLGQVA ATQR TLLLLLLVPAH LVAAWSNNYA VI A STALKGICRAQ SEGRPCEYNS RIYQNGESFQ PR GLECNFGASS TALKGICRAQ SEGRPCEYNS RIYQNGESFQ PR GLECNFGASP AATNGICRAQ SEGRPCEYNS RIYQNGESFQ PR GLECNFGASP AATNGICRAQ SEGRPCEYNS RIYQNGESFQ PR GLECNFGASP AATNGICRAQ SEGRPCEYNS RIYQNGESFQ SS GLECNFGASP AATNGICRAQ SEGRPCEYNS RIYQNGESFQ PR GLECNFGASP AATNGICRAQ SEGRPCEYNS RIYQNGESFQ PS GLECNFGASP AATNGICRAQ SEGRPCEYNS RIYQNGESFQ PS GLECNFGASP AATNGICRAQ SEGRPCEYNS RIYQNGESFQ PS GLYCDRGPED GGGAGICMVL EGDNCVFDG MIYRNGETFQ PS GLYCDRGPED GGGAGICMVL EGDNCVFDG VIYRSGEKFQ PS GLYCDRGPED GGGAGICMVL EGDNCVFDG VIYRSGEKFQ PS GLYCDRGADL DGRGLCVNAS AVSRLRAYLL PAPPAPGNAS ES

FIG. 2B

SKTQPCDHT SKTQPCDHT SRTQPCDHT TERDPCDPH TERDPCDPH SPLLPCDES SDLEPCDES GPGLRCQPS	IYTERC GSGLRCQPSP	EDSIKDSLD DQDDLL EDSIKDPME DQDGLLGKGL ESKDALE ELEGFFSKEF EPKDQTVVGP EPKDRTAVGP PRLEDSLGGE PDEEDSLGGE TEHDMASGD GNIVREEVVK VDYESQSTD TQNFSSESKR
	H .	DEDSIKDSLD DEDSIKDPME DESKDALE DEP DEP CPP CPD CPD CTEHDMASGD .VDYESQSTD
O C C C C C C C C C C C C C C C C C C C	ALSEGQPC	SGOCCEEWVC TGOCCEEWVC PGOCCEEWVC PGKCCEEWVC PGKCCKEWVC PGECCEKWVC PGECCEKWVC PGECCEKWVC PGECCEKWVC PGECCEKWVC PGECCEKWVC PGECCEKWVC PGECCEKWVC
DGCGCCKV DGCGCCKV DGCGCCKV DGCGCCRV DGCGCCRV DGCGCCLV DGCGCCLV	EPGCGCCLTC	GCPNPRLVKV GCPNPRLVKV GCPSPRLVKV DCPFPRRVKL DCPFPRRVKL DCPFPRKIEV NCPAPRKVEV . KFPFFQYS HSKIIIIKKG
GVGLVR GVGLVP GVGLVP GVSLVL GVSLVL GVPAVL TVL	PPAVCAELVR	CPQELSLPNL CPQELSLPNL CPQELSLPNL CSMDVRLPSP CSMDVRLPSP CNLGLLLPGP CQLDVLLPEP
·	DARALAQCAP	161 D.GAVGCIPL GWRRGACIPL D.GAVGCIPL D.GAVGCMPL D.GAVGCWPL D.GQIGCLPR D.GQIGCLPR CL VESPSVSSTH

FIG 2.C

	, , ,	ATELLYSHVV KPVPAHPSSN380 DGRCCTPLQT RTVKMRFRCE			DGRCCTPHNT KTIQVEFRCP DGRCCTPHNT KTIQAEFQCS		OEWRCVNDKT RTORIOLOCO
		MKSCLAFKND AT	YRPKYCGSCV DC YRPKYCGSCV DC	YRAKFCGVCT DC YRAKFCGVCT DC	YKPRYCGLCN DC YKPRFCGVCS DC	•	YWSRRSS OF
RNNELIAIGK RNNELIAVGK RNNELIAIVK	KWLNPR	FYLLPLACIL TYAGCSSVKK	TYAGCLSVKK TYAGCSSVKK	ELSGCTSMKT ELSGCTSVKT	EYKNCTSVQT QFKNCTSLHT	•	 NWIGGGYGTK
	ALAAYRLEDT AMAAYRQEAT TLAAYRPEAT ENAAGSPVMR ETEYGPCRRE	MLPPALH 331 TKKSPEPVRF	TKKSPEPVRF TKKSPSPVRF	TPKISKPIKF TPKIAKPVKF	TKKSMKAVRF TKKSLKAIHL	•	TIPVLP
2 cyr6_mouse HCGF ce10_chick ctgf_human	fisp-12 nov_chick HNGF VIGF ibp3_human	SCGF 3 cyr6_mouse	HCGF ce10_chick	ctgf_human fisp-12	nov_chick HNGF	VIGF	ibp3_human SCGF

FIG 2D

KSSKHSMS	OHHRERKRAS	FESMSPAKPV	_	WTACKCKRY	DGSTRTYKIT
•	•		•	•	•
•	M		_	VIGTCTCHTN	PGQIVKKPVM
•	I			LINTCVCHGN	QGKFLKKPMM
	MA		_	FIKTCACHYN	DGEIMKKNMM
	MA	_	CPGDND. IFE	FIKTCACHYN	DGEVMKKNIMM
•	FRD		CPHANEA.YP	MIQSCRCNYN	DGETFTKSVM
•		FYRLF	CPHANEAAFP	MIQSSKCNYN	DGETFSKNVM
•	FRD	LYSLFNDIHK	_	MIQSCKCNYN	DGEMFSKNVM
440	•	•		•	381
ELVCAGECL.	GQCTSISPLK	_	TKGKEDVHCY RNTRVQVGCR	KYGQPLPGYT RHFSNTGL.D	RKRGFCWCVD STLNQARNGG
•	•	•	•	•	•
TDKKGKKCLR	RPCEQEPEQP	MLKQTRLCMV	RVTNRNRQCE	SKSCGMGFST	IEQTTEWTAC
SDKKGKKCIQ	RPCEN. EEP	MVKQTRLCMM	RVTNRNQQCE	SKSCGMGFST	IEQTTEWSAC
NIKKGKKCIR	RPCEADLEE.	LEKQSRLCMV	RVTNDNTFCR	SKTCGMGIST	LVQTTEWSAC
NIKKGKKCIR	RPCEADLEE.	LEKQSRLCMV	RVTNDNASCR	SKTCGMGIST	LVQTTEWSAC
SLKKGKKCTK	RPCGQPSY.A	LIKETRICEV	RVTNDNPDCK	SKTCGTGIST	IVQTTSWSQC
SLKKGKKCSK	RPCGQPVY.S	LVKETRICEV	RVTNDNPECR	SKTCGTGIST	IVQTTSWSQC
SLKKGKKCSK	Ŋ	LVKETRICEV	RVTNDNPECR	SKSCGTGIST	IVQTTSWSQC
33(•	•	•	271